

Title (en)
Pump unit

Title (de)
Pumpenaggregat

Title (fr)
Unité de pompage

Publication
EP 1788245 B1 20080604 (DE)

Application
EP 06017216 A 20060818

Priority
DE 102005055824 A 20051117

Abstract (en)
[origin: DE102005055824B3] The unit has feed pumps driven by an armature shaft of an electric motor (12) to delivering hydraulic fluid. The motor and pumps are accommodated in housing, and a bearing bell (36) is arranged in the shaft in a torque proof manner. The bell cooperates with the housing to store the shaft and to form a sliding bearing pairing. Mantel surface of the housing has a counter bearing section cooperating with a bearing section of the bell.

IPC 8 full level
F04B 1/20 (2006.01); **F04B 53/00** (2006.01); **F04B 53/16** (2006.01)

CPC (source: EP)
F04B 17/03 (2013.01); **F04B 23/021** (2013.01); **F04B 53/001** (2013.01)

Designated contracting state (EPC)
DE ES FR GB IT TR

DOCDB simple family (publication)
DE 102005055824 B3 20061102; DE 502006000875 D1 20080717; EP 1788245 A1 20070523; EP 1788245 B1 20080604

DOCDB simple family (application)
DE 102005055824 A 20051117; DE 502006000875 T 20060818; EP 06017216 A 20060818